

ABSTRACT

An air-permeable composite fabric is provided. The composite fabric has an inner fabric layer, an outer fabric layer, and an intermediate vapor barrier. The vapor barrier is selected from adhesive material and an adhesive/membrane combination designed so the
5 composite fabric has a level of air permeability to allow air flow between the first fabric layer and the second fabric layer and a variable level of water vapor diffusion resistance that decreases as air speed impinging on the composite fabric increases.

20627526.doc